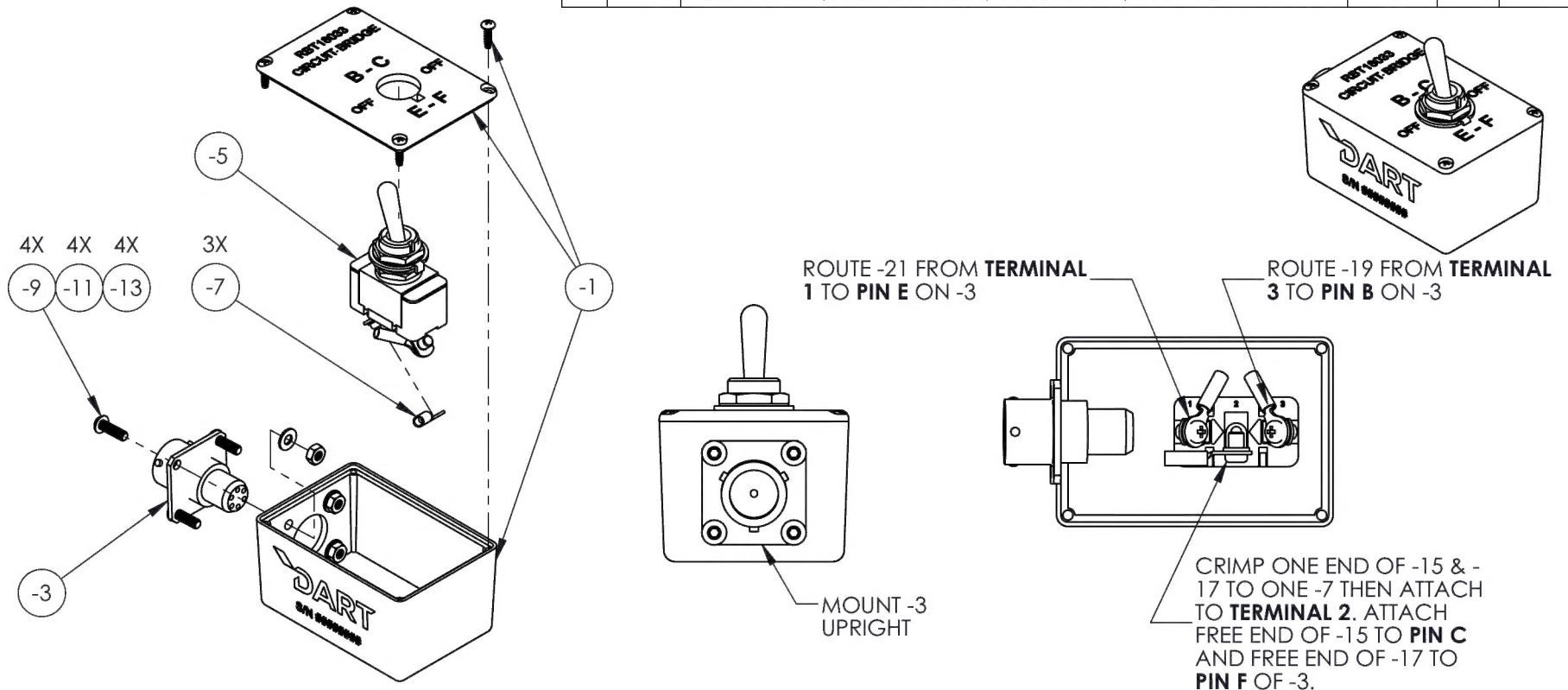


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION	6/21/2016	SM	JAG
2	17-0076	-1A CH'D DIM WAS Ø.591 THRU IS Ø.591 $\sqrt{.25}$, WAS 4X Ø.126 THRU IS 4X Ø.126 $\sqrt{.25}$. -1B CH'D NOTE WAS LASER ENGRAVE S/N, "CIRCUIT BRIDGE" ARIAL, TXT HT 0.13 IN FILL W/ WHITE PAINT IS LASER ENGRAVE "RBT18033", "CIRCUIT BRIDGE" ARIAL, TXT HT 0.13 IN FILL W/ WHITE PAINT.	3/31/2017	SM	JAG



NOTE:
1. USED IN KIT RBT18025.
2. TEST PER QMSF-8.1, RBT18033.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X	B/O	-1	1	BOX		BMC-209D (ALLIED ELECTRONICS # 70020538) MODIFIED	1
	1	B/O	-1A		BOX - BOTTOM	ABS	SEE -1 (MODIFIED)	2
	1	B/O	-1B		BOX - TOP	ABS	SEE -1 (MODIFIED)	3
	4	B/O	-1C		BOX SCREWS	STEEL	SEE -1	1
		B/O	-3	1	CONNECTOR		DIGI-KEY # PT02SE10-6P-025-ND	1
		B/O	-5	1	TOGGLE SWITCH		M12, ON-OFF-ON (DIGI-KEY # 360-1901-ND)	1
		B/O	-7	3	RING TERMINAL CONNECTOR		22 AWG, #6 STUD (DIGI-KEY # A122543-ND)	1
		B/O	-9	4	BUTTON-HEAD SOCKET CAP SCREW	SS	M3 X 0.5 X 10 MM (MCMaster-CARR # 94500A223)	1
		B/O	-11	4	WASHER	SS	M3 (MCMaster-CARR # 90965A130)	1
		B/O	-13	4	NUT	SS	M3 X 0.5 (MCMaster-CARR # 91828A211)	N/S
		B/O	-15	1	WIRE 1		22 AWG X 2.5 IN, GREEN	N/S
		B/O	-17	1	WIRE 2		22 AWG X 2.2 IN, GREEN	N/S
		B/O	-19	1	WIRE 3		22 AWG X 2.0 IN, RED	N/S
		B/O	-21	1	WIRE 4		22 AWG X 4.0 IN, BLACK	1

DART
AEROSPACE

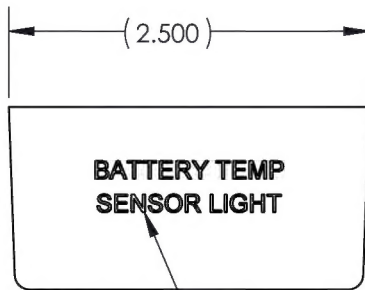
TITLE
BATTERY TEMP CAUTION LIGHT TESTER

DWG NO. **RBT18033** REV **2**

MAT'L		UNLESS OTHERWISE SPECIFIED	
FEAT		DIMENSIONS ARE IN INCHES	
TREAT		.XXX ± .005 FRACTIONS ± 1/8	
FINISH		.XX ± .01 ANGLES ± 5°	
		.X ± .1 SURFACES = 125✓	
SPEC		1. BREAK ALL SHARP EDGES	
		.015 x 45° OR .015R	
DRAWN BY:	MACKOVJAK	2. DIMENSIONAL LIMITS APPLY	
CHECKED:	DUERFELDT	AFTER PLATING	
OPPS APPR:	ANDERSON	3. INTERPRET DIM AND TOL PER	
QA APPR:	LINDSAY	ASME Y14.5M-2009	
APPROVED:	GILBERT	USED ON MODEL	
		BELL 412	
SCALE	1:2	DATE	5/20/2016
		SHEET	1 OF 4

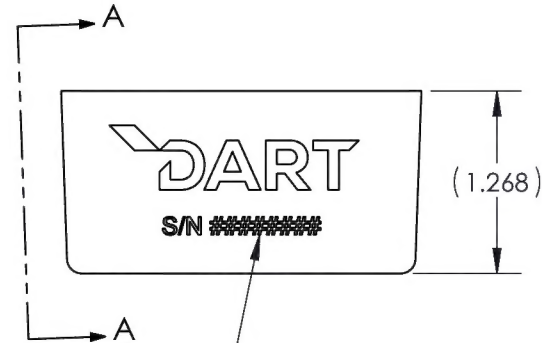
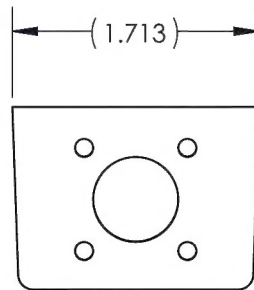
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0076	-1A CH'D DIM WAS Ø.591 THRU IS Ø.591 ∇ .25, WAS 4X Ø.126 THRU IS 4X Ø.126 ∇ .25.	3/31/2017	SM	JAG

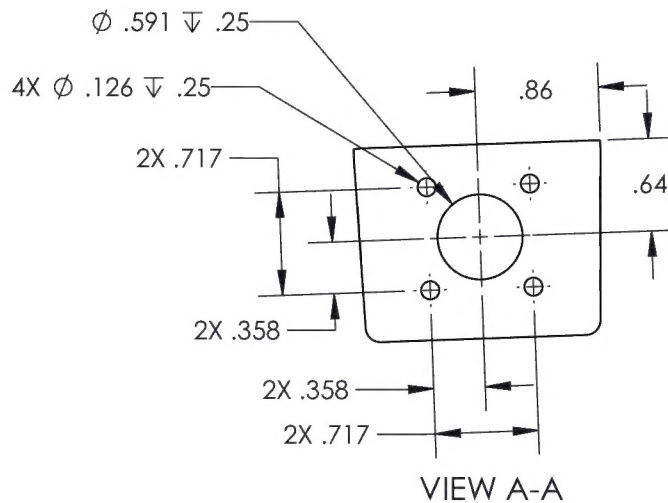
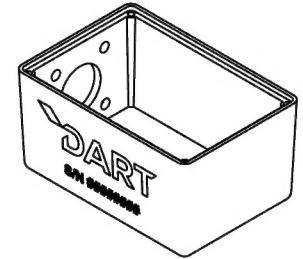


**BATTERY TEMP
SENSOR LIGHT**

LASER ENGRAVE "BATTERY
TEMP SENSOR LIGHT", FILL
W/ WHITE PAINT



LASER ENGRAVE DART
LOGO AND S/N, FILL W/
WHITE PAINT



(-1A)

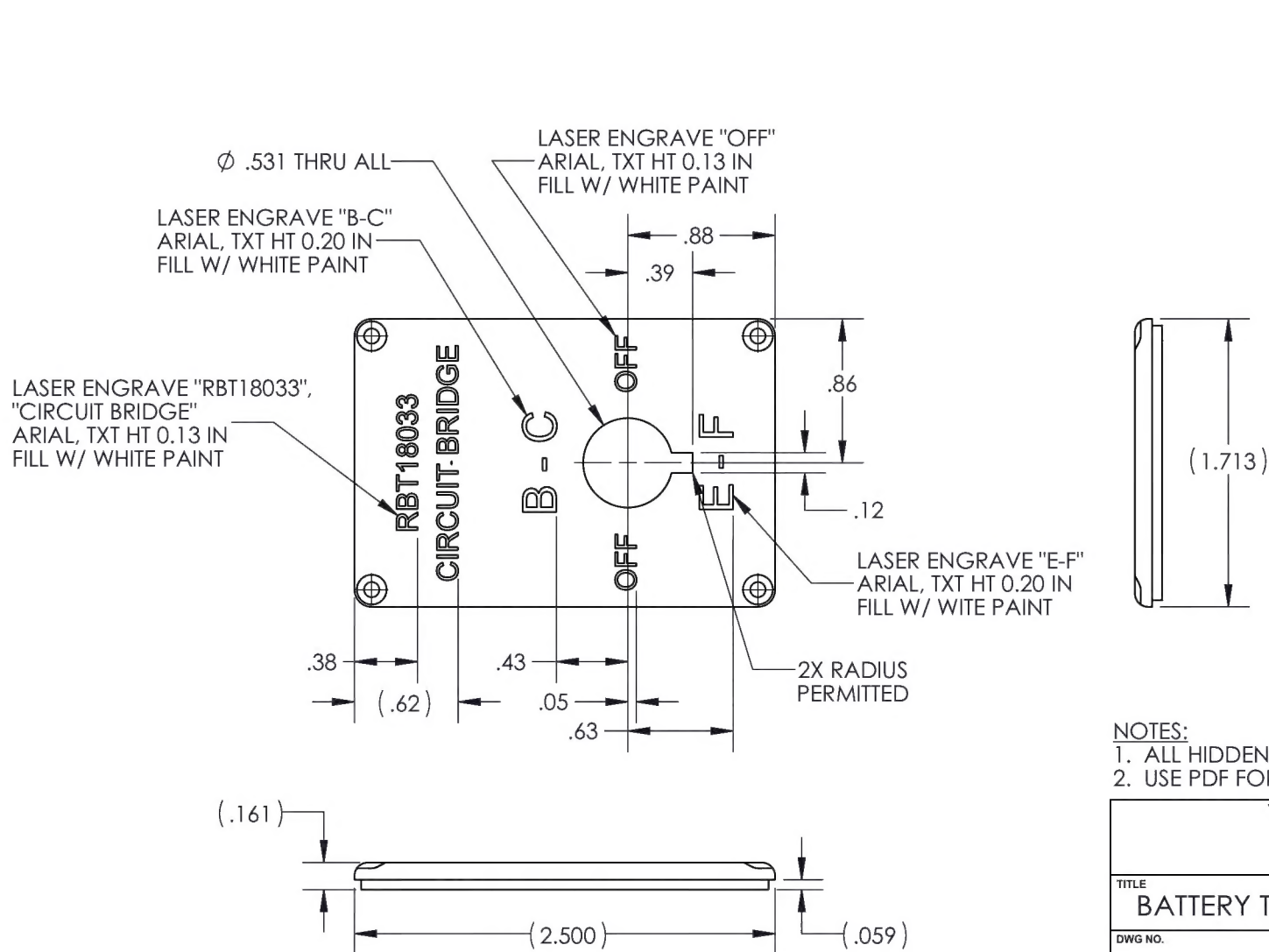
BOX - BOTTOM

- NOTES:
1. ALL HIDDEN LINES REMOVED.
2. USE PDF FOR ENGRAVINGS

DART AEROSPACE	
TITLE BATTERY TEMP CAUTION LIGHT TESTER	
DWG NO. RBT18033-1A	REV 2
MAT'L ABS	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX \pm .005 FRACTIONS \pm 1/8
SPEC	.XX \pm .01 ANGLES \pm 5°
	.X \pm .1 SURFACES = 125° ✓
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 3:4	DATE 5/20/2016
	SHEET 2 OF 4

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0076	-1B CH'D NOTE WAS LASER ENGRAVE S/N, "CIRCUIT BRIDGE" ARIAL, TXT HT 0.13 IN FILL W/ WHITE PAINT IS LASER ENGRAVE "RBT18033", "CIRCUIT BRIDGE" ARIAL, TXT HT 0.13 IN FILL W/ WHITE PAINT.	3/31/2017	SM	JAG

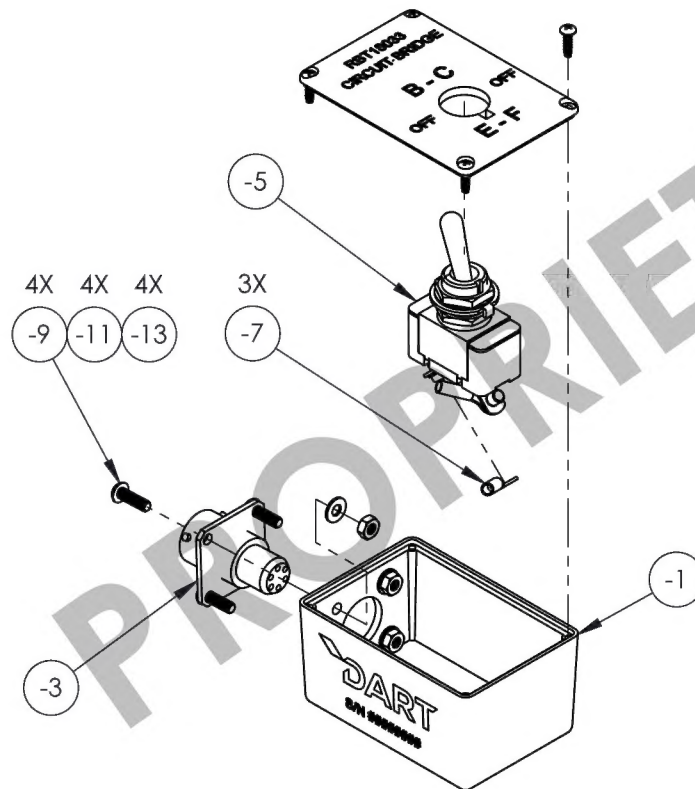
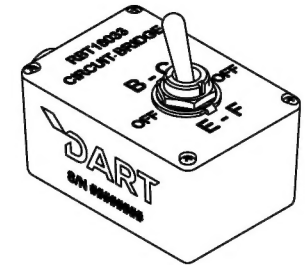


- NOTES:
1. ALL HIDDEN LINES REMOVED.
 2. USE PDF FOR ENGRAVINGS.

DART AEROSPACE	
TITLE BATTERY TEMP CAUTION LIGHT TESTER	
DWG NO. RBT18033-1B	REV 2
MAT'L ABS TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK	USED ON MODEL
CHECKED: DUERFELDT	BELL 412
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:1	DATE 5/20/2016
SHEET 3 OF 4	

-1B
BOX - TOP

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NOTE:
USED IN KIT RBT18025.

Part #	UNIT QTY	Description	Material
-1	1	BOX	ABS/STEEL
-3	1	CONNECTOR	
-5	1	TOGGLE SWITCH	
-7	3	RING TERMINAL CONNECTOR	
-9	4	BUTTON-HEAD SOCKET CAP SCREW	SS
-11	4	WASHER	SS
-13	4	NUT	SS
-15	1	WIRE 1 (NOT SHOWN)	
-17	1	WIRE 2 (NOT SHOWN)	
-19	1	WIRE 3 (NOT SHOWN)	
-21	1	WIRE 4 (NOT SHOWN)	

DART
AEROSPACE

190 S. Danebo Ave., Eugene, OR. 97402
1-800-556-4166
e-mail: sales@dartaero.com
dartaerospace.com

TITLE BATTERY TEMP CAUTION LIGHT TESTER			
DWG NO.	RBT18033	REV	CUSTOMER 1 OF 1
SCALE	1:2	DATE	5/20/2016
		SHEET	4 OF 4